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ABSTRACT

In fall 1985, the San Jose/Evergreen Community College District began using a computerized prerequisite checking system to strengthen academic standards. Over the next 4 years, the computerized system shifted from an informational mode, which merely indicated whether a student met course prerequisites or not, to a lock out mode, which prevented a student who had not met course prerequisites from registering for that course. In 1989, a study was conducted to assess the impact of the lock out mode on enrollments. Computer records were analyzed to determine the number of students not meeting prerequisites in each discipline, reasons for students being listed as not meeting a prerequisite, and the characteristics of the disciplines most affected by being placed on lock out mode. Study findings included the following: (1) as course prerequisites were more strictly enforced and as the data in the computer became more accurate and complete, the total percentage of students who attempted to enroll in courses without meeting prerequisites dropped from 41% in fall 1985 to 6% in fall 1988 and 2% in spring 1989; (2) in spring 1989, 2% of the students in the district insisted upon taking courses for which they did not meet prerequisites; (3) students listed as not meeting a prerequisite generally did not have the basic skills prerequisite for the class, did not have the course prerequisite, or had taken the prerequisite course at another institution; and (4) in general, the disciplines most affected by the lock out mode had complex prerequisites, had basic skills as well as course prerequisites, had low levels of basic skills, or enrolled large numbers of well-educated students. Tables and graphs (the bulk of the document) showing the decreasing numbers of ineligible students by year and discipline are attached. (JMC)

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HOW MANY STUDENTS DO NOT MEET PREREQUISITES FOR SAN JOSE/EVERGREEN COMMUNITY COLLEGE COURSES?

By Jon Alan Kangas, Ph.D.,
District Dean of Academic Standards

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JC 890 365

Research Report #77

August 15, 1989

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ABSTRACT

HOW MANY STUDENTS DO NOT MEET PREREQUISITES FOR SAN JOSE/EVERGREEN COMMUNITY COLLEGE COURSES?

By Jon Alan Kangas, Ph.D., District Dean of Academic Standards
August 15, 1989

In Fall 1985, the San Jose/Evergreen Community College District began its computerized prerequisite checking system as one means of enhancing academic standards. The computerized system can either provide information about whether a student meets a prerequisite (informational mode) or prevent a student from registering (lock out mode). The system was in an informational mode for all courses for Fall 1985 and Spring 1986. English went into a lock out mode in Fall 1986; ESL in Spring 1987. Twenty percent (20%) of the District's courses entered the lock out mode each subsequent semester. All were in lock out mode in Spring 1989.

If all courses in the District were in a lock out mode each semester since Fall 1985, the following percent of attempts to register would not have been permitted:

Fall 1985: 41% did not meet prerequisites (includes incompleteness in system and error)
Spring 1986: 31% did not meet prerequisites (includes incompleteness and error)
Fall 1986: 24% did not meet prerequisites (includes incompleteness and error)
Spring 1987: 15% did not meet prerequisites (includes incompleteness and error)
Fall 1987: 12% did not meet prerequisites (includes incompleteness and error) (EVC at 8%, SJCC at 16%)
Spring 1988: 10% did not meet prerequisites (includes incompleteness and error) (EVC at 6%, SJCC at 14%)
Fall 1988: 7% did not meet prerequisites (includes incompleteness and error) (EVC at 4%, SJCC at 8%)+
Spring 1989: 2% did not meet prerequisites (includes incompleteness and error) (EVC at 2%, SJCC at 2%)+

The last 20% of the District's disciplines entered the lock out mode during Spring 1989. A sampling of typical disciplines that entered before or during Spring 1989 shows a decline in the percent of students not meeting prerequisites.

DISCIPLINE	F 85	S 86	F 86	S 87	F 87	S 88	F 88**	S89**
ART	6	7	15	14	0*	0	0	0
AUTO	53	55	49	27	22	0*	0	0
BUS	52	32	22	20	24	16	14	0*
CIS	55	42	48	33	33	30	29	0*
COM S	64	27	16	11	7	0*	0	0
CNSTR	38	53	52	57	47	0*	0	0
CT	97	90	63	27	0*	0	0	0
DRAFT	58	55	41	28	29	0*	0	0
ELECT	88	74	58	19	0*	0	0	0
ENGL	38	29	0*	0	0	0	0	0
ENGR	55	70	43	20	16	0*	0	0
ESL	26	32	19	0*	0	0	0	0

DISCIPLINE	F 85	S 86	F 86	S 87	F 87	S 88	F 88**	S89**
FCS	67	48	43	36	31	36	32	0*
HISTORY	64	37	22	17	12	0*	0	0
LABOR	24	15	41	24	76	80	77	0*
LASER	93	68	52	32	0*	0	0	0
MATH	42	34	25	18	0*	0	0	0
MUSIC	14	12	15	8	10*	0	0	0
NURS	28	37	23	30	16	0*	0	0
PHIL	69	32	17	16	12	0*	0	0
PHYS	53	35	32	16	30	1*	0	0
P ED	1	1	9	0	0*	0	0	0
SP	71	35	19	23	16	0*	0	0
WD PR	55	43	38	26	8	21	22	0*

+ One percent (1%) of the seatcount in Fall '88 was taken by students who insisted on taking courses above their prerequisite level and were given student insistence (SI) override codes; 2% of the Spring '89 seatcount was attributed to SI override codes.
* First semester in a lock out mode.
** The individual discipline data does not reflect the number of students with SI codes.

HOW MANY STUDENTS DO NOT MEET PREREQUISITES FOR SAN JOSE/EVERGREEN COMMUNITY COLLEGE COURSES?

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QUICK OVERVIEW

For a quick overview of current data, turn directly to Appendix D.

BACKGROUND INFORMATION

A strong emphasis has been made in the San Jose/Evergreen Community College District over the past five years to increase academic standards:

1. In Spring 1981, the District Board approved English 1A as the exit standard for written composition for the District.

2. In Fall 1981, the Board commissioned Jon Kangas to consult the two colleges to prepare recommendations designed to increase academic standards for students entering the District. These recommendations were approved in January 1982. They centered around the establishment of basic skills prerequisites for all appropriate college level courses.

3. A District Dean of Academic Standards position was established in Spring 1985 to implement a full matriculation plan and computerized prerequisite checking.

4. Prerequisites were established for all District courses for Fall 1985.

5. To implement these prerequisites, the Board approved the District's Data Processing Department to computerize a prerequisite checking system to also begin Fall 1985. All courses for Fall 1985 and Spring 1986 were in an "informational" mode, i.e., the computer informed students at registration that they did not have a record of prerequisites being met in the District. It did not prevent registration.

6. The computerized prerequisite system also has the ability to prevent registration of students in courses in a "lock out" mode. To phase-in the impact of the implementation of the system, a three-year phase-in plan was established so that the following percentage of students were to be impacted each semester:

Semester	% Impacted	Discipline Chosen
Fall 1986	10%	English
Spring 1987	10%	ESL
Fall 1987	20%	Art, CT, Elect, Laser, Math, Music, P Ed
Spring 1988	20%	Auto, ComS, Cnstr, Draft, Engr, Hist, Nurs, Phil, Phys, Sp
Fall 1988	20%	A&P, AJ, Anat, Anth, App, AS, Ath/M, Ath/W, BP, Biol, Bot, Brick, Cab, Chem, Cnst, Comsc, Cos, Dance, Drama, Econ, Elec, Engrt, Envir, Floor, Fren, Geog, Ger, Glaz, Govt, Guide, H Ed, HS, Humnt, II, ITV, Journ, LS, Latin, Libr, Meteo, Micro, Mils, NS, Ocean, PEC, PEM, PET, Photo, Physc, Plast, Polsc, PST, Psych, Rec, SL, S Sci, Soc, Span, Specl
Spring 1989	20%	Acctg, Air C, Astro, Bus, CIS, Corct, Dent, ECE, FCS, Geol, H Sci, IA, I/Dis, Span, LA, LE, Labor, Lib, Mach, Mktg, Physo, R Est, RIBE, Supr, Tech, WE, Wd Pr

In order to plan for impact on the disciplines entering a "lock out" mode each semester, further information was needed. Research was undertaken to aid in this planning.

METHOD

A. The Number and Percent of Students by Discipline

In order to determine the extent of potential impact from a lock out mode on a District discipline, the number of students enrolled at second census in each of the District's disciplines was tabulated and the percent calculated. The results are presented in Appendix A.

B. The Number and Percent of Students Not Meeting Prerequisites by Discipline

The District's computer has kept track of the number of students enrolling in classes but for whom there is not a record of the prerequisite(s) having been met for those classes.

For Fall 1985 through Spring 1989, Data Processing provided printouts indicating the number of students not meeting prerequisites in each discipline in the District by college.

The data included all students who were enrolled after the second week of classes. This data was summarized to include the following information for each college for each semester:

1. # Sects = the total number of sections in the computer for a discipline.

2. # Studs = total number of students in all sections of a discipline.

3. # No Meet Preqs = the number of students in a discipline for which the computer had no record of their meeting the prerequisites for the courses in the discipline.

4. Tot # = the total number for both colleges combined who were enrolled in a particular discipline.

5. Tot No Meet = the numbers of students in a discipline for both colleges for which there was no record of the prerequisite(s) having been met.

6. % No Meet = the percent of students in a discipline for both colleges for which there was no record of the prerequisites being met.

7. District totals indicate the potential total impact of a lock out mode if it were to be totally implemented.

Appendices B through D present a summary of this data.

C. Appendix E provides graphs of a sample of disciplines indicating the seatcount reduction in students not meeting prerequisites.

RESULTS AND COMMENTS

A. Question: If all disciplines in the District were in a lock out mode, what would have been the impact?

Answer: For Fall 1985 through Spring 1989, the following percent would have been impacted:

	F85	S86	F86	S87	F87	S88	F88*	S89**
District	41	31	24	15	12	10	7	2
EVC	42	31	22	11	7	6	4	2
SJCC	40	31	25	17	15	14	8	2

Comments: As course prerequisites have been increasingly enforced and as the data in the computer has become more accurate and more complete, the total percentage of students not meeting prerequisites has decreased from 41% in Fall 1985 to 6% in Fall 1988 to 2% in Spring 1989.

As more disciplines entered a lock out mode, this percentage has continued to decline to the current status.

The phase in of the lock out system, accompanied by the enforcement of prerequisites in general, has resulted in a steady decline in the number of students not meeting prerequisites. The impact on informational courses going into a lock out mode was thus greatly reduced.

In Fall 1988, an SI (student insistence) override code was implemented. Students who were given this code insisted on taking courses above their prerequisite level. For this reason, the number of students not meeting prerequisites will never reach "0".

Semester	Seatcount	# SI Codes	% SI Codes
Fall 1988	44,783	389	1%
Spring 1989	52,834	1059	2%

* In Fall 1988, 389 students, or 1%, insisted on taking courses above their prerequisite level.

** The 2% reflects the 1,059 students who had SI override codes out of a 52,834 seatcount.

The percentage of students not meeting prerequisites in disciplines scheduled for lock out in Fall 1988 and Spring 1989 was as follows:

Discipline	F85	S 86	F 86	S 87	F 87	S 88	F 88	S 89
A&P	48%	29%	39%	15%	17%	6%	0%	0%
AJ	46%	30%	21%	11%	16%	13%	0%	0%
Acctg	77%	53%	41%	27%	22%	20%	19%	0%
Air C	61%	60%	53%	46%	40%	39%	25%	0%
Anat	61%	28%	26%	18%	11%	10%	0%	0%
Anth	82%	53%	27%	29%	18%	22%	0%	0%
App	0%	0%	0%	0%	0%	0%	0%	0%
AS	--	0%	0%	0%	0%	0%	0%	0%
Astro	67%	66%	54%	17%	28%	14%	10%	0%
Ath/M	0%	0%	9%	0%	0%	0%	0%	0%
Ath/W	0%	0%	4%	0%	0%	0%	0%	0%
BP	--	50%	--	43%	0%	0%	0%	0%
Biol	66%	44%	27%	17%	15%	18%	0%	0%
Bot	65%	0%	0%	0%	0%	0%	0%	0%
Brick	0%	0%	0%	0%	0%	0%	0%	0%
Bus	52%	32%	22%	20%	24%	16%	14%	0%
Cab	0%	0%	0%	0%	0%	0%	0%	0%
Chem	52%	38%	32%	17%	16%	16%	0%	0%
CIS	55%	42%	48%	33%	33%	30%	29%	0%
Cnst	--	--	--	21%	0%	0%	0%	0%
Comsc	71%	63%	72%	0%	0%	0%	0%	0%
Corct	0%	0%	0%	0%	0%	86%	0%	0%
Cos	30%	15%	39%	7%	8%	13%	0%	0%
Dance	30%	11%	9%	12%	9%	12%	0%	0%
Dent	81%	74%	82%	74%	79%	72%	76%	0%
Drama	14%	14%	14%	32%	12%	21%	0%	0%
ECE	52%	29%	40%	17%	26%	15%	21%	0%
Econ	76%	32%	21%	15%	11%	12%	0%	0%
Elec	0%	0%	0%	0%	0%	0%	0%	0%
Engrt	36%	0%	3%	--	0%	25%	0%	0%
Envir	--	25%	--	14%	0%	0%	0%	0%
FCS	67%	48%	43%	36%	31%	36%	32%	0%
Floor	0%	0%	0%	0%	0%	0%	0%	0%
Fren	59%	35%	30%	21%	18%	17%	0%	0%
Geog	76%	46%	20%	21%	21%	16%	0%	0%
Geol	33%	45%	44%	32%	27%	23%	9%	0%
Ger	0%	63%	0%	0%	0%	0%	0%	0%
Glaz	0%	0%	0%	0%	0%	0%	0%	0%
Govt	0%	0%	0%	0%	0%	0%	0%	0%
Guide	0%	0%	0%	0%	4%	1%	0%	0%
H Ed	44%	23%	26%	21%	22%	19%	0%	0%
HS	0%	0%	0%	0%	0%	0%	0%	0%
H Sci	70%	55%	61%	57%	39%	41%	37%	0%
Humnt	--	--	--	15%	17%	32%	0%	0%
IA	87%	69%	56%	72%	66%	68%	60%	0%
I/Dis	--	0%	6%	7%	46%	18%	1%	0%
II	0%	0%	17%	12%	10%	9%	0%	0%
ITV	66%	54%	21%	30%	19%	38%	0%	0%
Japan	93%	73%	64%	49%	52%	46%	35%	0%
Journ	73%	31%	15%	4%	8%	8%	0%	0%
LA	0%	0%	5%	8%	24%	0%	0%	0%
LE	77%	63%	69%	52%	63%	0%	43%	0%

Discipline	F85	S 86	F 86	S 87	F 87	S 88	F 88	S 89
LS	--	--	--	--	1%	31%	0%	0%
Labor	24%	15%	41%	24%	76%	80%	77%	0%
Latin	--	63%	--	14%	0%	0%	0%	0%
Lib	86%	40%	28%	25%	37%	16%	28%	0%
Libr	54%	44%	36%	11%	11%	0%	0%	0%
Mach	80%	75%	46%	66%	66%	54%	75%	0%
Meteo	67%	0%	23%	0%	0%	0%	0%	0%
Micro	52%	52%	37%	33%	23%	31%	0%	0%
Mils	--	0%	0%	0%	0%	0%	0%	0%
Mktg	48%	27%	50%	46%	47%	51%	41%	0%
NS	46%	32%	17%	17%	11%	11%	0%	0%
Ocean	--	54%	0%	34%	0%	0%	0%	0%
PEC	--	--	--	0%	0%	0%	0%	0%
PEM	--	--	--	0%	0%	0%	0%	0%
PET	--	--	0%	0%	0%	0%	0%	0%
Photo	30%	6%	4%	9%	4%	4%	0%	0%
Physc	20%	0%	14%	0%	0%	0%	0%	0%
Physo	13%	47%	41%	28%	28%	26%	18%	0%
Plast	0%	0%	0%	0%	0%	0%	0%	0%
Polsc	65%	34%	21%	15%	14%	17%	0%	0%
PST	--	0%	0%	0%	0%	0%	0%	0%
Psych	62%	33%	23%	16%	12%	13%	0%	0%
R Est	--	--	--	0%	0%	0%	26%	0%
Rec	0%	69%	0%	0%	0%	0%	0%	0%
RIBE	0%	0%	0%	--	0%	0%	6%	0%
SL	0%	8%	4%	1%	5%	3%	0%	0%
S Sci	--	34%	28%	13%	25%	13%	0%	0%
Soc	75%	41%	16%	15%	13%	12%	0%	0%
Span	49%	31%	28%	19%	17%	16%	0%	0%
Specl	0%	0%	0%	0%	0%	0%	0%	0%
Supr	71%	63%	43%	47%	36%	36%	32%	0%
Tech	0%	73%	57%	27%	58%	29%	36%	0%
WE	0%	44%	20%	3%	2%	7%	25%	1%
Wd Pr	55%	43%	38%	26%	8%	21%	22%	0%

B. Question: Why did the computer list a student as not meeting a prerequisite?

Answer: It is important that one understand why a prerequisite was not met. The reasons are listed in their estimated order of impact.

1. Students did not have the basic skills prerequisites for classes. For example, a student may not have ReadL 2 as well as WritL 2 when trying to take History 17A.

2. Students did not have the course prerequisites for classes. For example, a student may not have Drafting 10 as the prerequisite for Drafting 11.

3. Students may have met a prerequisite because of a course taken at another school but did not have the course entered into the prerequisite system. Counselors can enter this information.

4. Students with placement test scores taken before 1983 did not meet prerequisites that required that score because it was not always entered into the system. Counselors can handle this, however.

5. A prerequisite may have been written incorrectly in the computer program.

6. The Same As List may not have been updated, e.g., English 92 was erroneously converted to English 101.

7. The prerequisite system may not have handled some unique situations, e.g., a student who repeated English 92 and raised his or her grade from a 'D' to a 'C' would not have been recognized for the higher grade.

   Data Processing is reviewing this problem.

8. Prerequisite levels may not have anticipated all possible circumstances, e.g., a student may have taken English 1A in the District but would not be able to take a course with ReadL 1 because the student had not taken any reading in the District.

9. Scanning errors and errors made by students in entering their social security number account for a portion of the system error.

10. Starting in Fall 1988, students have been able to insist on taking a course above their prerequisite level.

As prerequisites have been increasingly clarified and enforced, and as the computerized system has been refined, the number of students listed as not meeting prerequisites has declined. For example, the total prerequisites not met were as follows:

Fall 1985	41%	Spring 1987	15%	Fall 1988	7%
Spring 1986	31%	Fall 1987	12%	Spring 1989	2%*
Fall 1986	25%	Spring 1988	10%		

* 2% = % of Student Insistence override codes

C. Question: In general, which disciplines were impacted the most as they were placed into a lock out mode?

Answer: Such disciplines tended to have:

1. Complex prerequisites
2. Basic skills combined with a course prerequisite
3. Low levels of basic skills
4. High numbers of well-educated persons
5. Few other courses in a sequence with it
6. No requirement for graduation

APPENDIX A

SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

Disciplines, Number of Sections, and
Number of Students By Discipline for Fall 1985

DATA FOR END OF WEEK ONE

Discipline	Number of Sections SJCC	Number of Sections EVC	Number of Students SJCC	Number of Students EVC	District Total Sections	District Total Students	%
A & P	0	3	0	40	3	40	.1
A J	22	5	297	199	27	496	1.2
A S	5	0	3	0	5	3	--
ACCTG	17	3	811	75	20	886	2.1
AIR C	8	0	178	0	8	178	.4
ANAT	1	3	23	36	4	59	.1
ANTH	1	0	19	0	1	19	--
APP	2	0	0	0	2	0	--
ART	36	10	377	235	46	612	1.4
ASTRO	1	0	19	0	1	19	--
ATH/M	19	0	162	0	19	162	.4
AUTO	0	23	0	475	23	475	1.1
BIOL	8	5	154	81	13	235	.5
BOT	0	3	0	29	3	29	.1
BP	2	0	17	0	2	17	--
BRICK	1	0	0	0	1	0	--
BUS	61	38	931	1176	99	2107	4.9
CAB	2	0	17	0	2	17	--
CHEM	16	20	406	365	36	771	1.8
CIS	37	27	1006	911	64	1917	4.4
CNSTR	11	0	159	0	11	159	.4
COM S	0	13	0	337	13	337	.8
CORCT	7	0	77	0	7	77	.2
COS	6	0	84	0	6	84	.2
CT	62	11	726	156	73	882	2.0
DANCE	23	11	122	196	34	318	.7
DENT	11	0	102	0	11	102	.2
DRAFT	12	16	358	299	28	657	1.5
DRAMA	49	2	141	12	51	153	.4
E C E	23	0	339	0	23	339	.8
E S L	75	38	2094	1620	113	3714	8.6
ECON	7	5	210	221	12	431	1.0
ELEC	9	0	119	0	9	119	.3
ELECT	159	37	2659	778	196	3437	7.9
ENGL	90	80	2616	2714	170	5330	12.3
ENGR & ENGRT	0	12	0	304	12	304	.7
F C S	3	19	81	358	22	439	1.0
FLOOR	3	0	49	0	3	49	.1
FREN	8	2	106	53	10	159	.4
GEOG	3	0	83	0	3	83	.2
Subtotal	800	386	14,545	10,670	1,186	25,215	

(0482g/rev7-86/JK:lt)

Discipline	Number of Sections SJCC	Number of Sections EVC	Number of Students SJCC	Number of Students EVC	District Total Sections	District Total Students	%
GEOL	2	0	17	0	2	17	--
GER	0	1	0	10	1	10	--
GLAZ	4	0	52	0	4	52	.1
GOVT	4	1	11	16	5	27	.1
GUIDE	53	9	446	419	62	865	2.0
H ED	15	8	463	346	23	809	1.9
H SCI	5	0	104	0	5	104	.2
HIST	20	15	937	676	35	1613	3.7
I A	7	0	59	0	7	59	.1
I T V	0	10	0	54	10	54	.1
I/DIS	0	1	0	2	1	2	--
JAPAN	1	0	28	0	1	28	.1
JOURN	5	5	35	29	10	64	.2
L A	27	0	443	0	27	443	1.0
L E	31	0	0	0	31	0	--
LABOR	12	0	68	0	12	68	.2
LASER	6	0	73	0	6	73	.2
LIB	2	0	15	0	2	15	--
LIBR	0	1	0	31	1	31	.1
MACH	24	0	365	0	24	365	.8
MATH	58	58	1876	2084	116	3960	9.2
METEO	1	0	17	0	1	17	--
MICRO	2	3	28	32	5	60	.1
MIL S	2	0	0	0	2	0	--
MKTG	19	0	290	0	19	290	.7
MUSIC	124	17	622	335	141	957	2.2
N S	15	8	434	146	23	580	1.3
NURS	0	30	0	431	30	431	1.0
P ED	300	31	1445	856	331	2301	5.3
PHIL	5	4	178	166	9	344	.8
PHOTO	23	4	249	77	27	326	.8
PHYS	11	11	253	282	22	535	1.2
PHYSC	0	2	0	34	2	34	.1
PHYSO	1	3	28	42	4	70	.2
PLAST	1	0	1	0	1	1	--
POLSC	6	3	165	176	9	341	.8
PSYCH	23	11	407	442	34	849	2.0
REC	2	0	10	0	2	10	--
RIBE	5	0	132	0	5	132	.3
S SCI	5	5	196	243	10	439	1.0
SL	2	1	38	36	3	74	.2
SOC	2	3	78	88	5	166	.4
SP	17	0	451	0	17	451	1.0
SPAN	7	5	134	129	12	263	.6
SPECL	4	0	10	0	4	10	--
SUPR	11	5	200	106	16	306	.7
W E	4	0	13	0	4	13	--
WD PR	16	8	203	206	24	409	1.0
Subtotal	884	263	10,574	7,494	1,147	18,068	99.9%
Grand Total	1,684	649	25,119	18,164	2,333	43,283	

APPENDIX B

SPRING 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
A & P	1	35	2	6%	EVC	35	2	6%
A J	12	261	34	13%	SJCC			
A J	6	208	28	13%	EVC	469	62	13%
ACCTG	19	512	138	27%	SJCC			
ACCTG	11	412	51	12%	EVC	924	189	20%
AIR C	10	196	76	39%	SJCC	196	76	39%
ANAT	1	22	4	18%	SJCC			
ANAT	1	26	1	4%	EVC	48	5	10%
ANTH	1	27	6	22%	SJCC			
ANTH	0	0	0	0%	EVC	27	6	22%
APP	2	92	0	0%	SJCC	92	0	0%
ART	38	433	0	0%	SJCC			
ART	18	268	0	0%	EVC	701	0	0%
AS	0	0	0	0%	SJCC	0	0	0%
ASTRO	2	70	10	14%	SJCC	70	10	14%
ATH/M	4	74	0	0%	SJCC	74	0	0%
ATH/W	3	29	0	0%	SJCC	29	0	0%
AUTO	28	603	0	0%	EVC	603	0	0%
B P	0	0	0	0%	SJCC	0	0	0%
BIOL	5	121	30	25%	SJCC			
BIOL	5	114	12	11%	EVC	235	42	18%
BOT	0	0	0	0%	EVC	0	0	0%
BRICK	1	14	0	0%	SJCC	14	0	0%
BUS	75	881	163	19%	SJCC			
BUS	45	1038	150	14%	EVC	1919	313	16%
C T	8	139	0	0%	SJCC			
C T	3	46	0	0%	EVC	185	0	0%
CAB	2	24	0	0%	SJCC	24	0	0%
CHEM	6	173	48	28%	SJCC			
CHEM	10	356	38	11%	EVC	529	86	16%
CIS	28	553	194	35%	SJCC			
CIS	34	1074	297	28%	EVC	1627	491	30%
CNST	1	20	0	0%	SJCC	20	0	0%
CNSTR	11	241	0	0%	SJCC	241	0	0%
COM S	19	532	0	0%	EVC	532	0	0%
COMSC	0	0	0	0%	SJCC			
COMSC	0	0	0	0%	EVC	0	0	0%
CORCT	7	902	776	86%	SJCC	902	776	86%
COS	7	245	33	13%	SJCC	245	33	13%
DANCE	34	263	42	16%	SJCC			
DANCE	24	257	19	7%	EVC	520	61	12%
DENT	10	322	233	72%	SJCC	322	233	72%
DRAFT	3	46	0	0%	SJCC			
DRAFT	16	290	0	0%	EVC	336	0	0%
DRAMA	31	301	50	17%	SJCC			
DRAMA	9	112	38	34%	EVC	413	88	21%
E C E	28	867	128	15%	SJCC	867	128	15%
E S L	70	2055	0	0%	SJCC			
E S L	52	1538	0	0%	EVC	3593	0	0%

APPENDIX B

SPRING 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
ECON	6	173	29	17%	SJCC			
ECON	7	321	28	9%	EVC	494	57	12%
ELEC	8	147	0	0%	SJCC	147	0	0%
ELECT	33	582	0	0%	SJCC			
ELECT	10	204	0	0%	EVC	786	0	0%
ENGL	82	2367	0	0%	SJCC			
ENGL	96	3040	1	0%	EVC	5407	1	0%
ENGR	9	214	0	0%	EVC	214	0	0%
ENGRT	1	12	3	25%	EVC	12	3	25%
ENVIR	0	0	0	0%	EVC	0	0	0%
F C S	11	233	113	48%	SJCC			
F C S	13	301	77	26%	EVC	534	190	36%
FLOOR	0	0	0	0%	SJCC	0	0	0%
FREN	11	127	26	20%	SJCC			
FREN	2	52	5	10%	EVC	179	31	17%
GEOG	2	58	9	16%	SJCC	58	9	16%
GEOL	2	52	12	23%	SJCC	52	12	23%
GER	0	0	0	0%	SJCC	0	0	0%
GLAZ	2	21	0	0%	SJCC	21	0	0%
GOVT	0	0	0	0%	SJCC			
GOVT	0	0	0	0%	EVC	0	0	0%
GUIDE	25	495	5	1%	SJCC			
GUIDE	32	795	4	1%	EVC	1290	9	1%
H ED	10	442	114	26%	SJCC			
H ED	5	364	36	10%	EVC	806	150	19%
H S	0	0	0	0%	SJCC	0	0	0%
H SCI	5	133	54	41%	SJCC	133	54	41%
HIST	23	1101	0	0%	SJCC			
HIST	18	792	0	0%	EVC	1893	0	0%
HUMNT	1	19	6	32%	SJCC	19	6	32%
I A	4	38	26	68%	SJCC	38	26	68%
I I	55	1482	139	9%	EVC	1482	139	9%
I T V	5	47	18	38%	EVC	47	18	38%
I/DIS	4	119	22	18%	EVC	119	22	18%
JAPAN	4	74	34	46%	SJCC	74	34	46%
JOURN	5	30	2	7%	SJCC			
JOURN	5	33	3	9%	EVC	63	5	8%
L A	0	0	0	0%	SJCC	0	0	0%
L E	1	25	0	0%	SJCC	25	0	0%
L S	36	863	264	31%	SJCC	863	264	31%
LABOR	22	454	361	80%	SJCC	454	361	80%
LASER	5	62	0	0%	SJCC	62	0	0%
LATIN	0	0	0	0%	EVC	0	0	0%
LIB	2	51	8	16%	SJCC	51	8	16%
LIBR	0	0	0	0%	EVC	0	0	0%
MACH	18	242	130	54%	SJCC	242	130	54%
MATH	63	2040	0	0%	SJCC			
MATH	59	2208	0	0%	EVC	4248	0	0%

APPENDIX B

SPRING 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
METEO	0	0	0	0%	SJCC	0	0	0%
MICRO	1	15	8	53%	SJCC			
MICRO	1	36	8	22%	EVC	51	16	31%
MILS	2	3	0	0%	SJCC	3	0	0%
MKTG	10	275	140	51%	SJCC	275	140	51%
MUSIC	136	1059	0	0%	SJCC			
MUSIC	24	342	0	0%	EVC	1401	0	0%
N S	6	225	27	12%	SJCC			
N S	7	213	20	9%	EVC	438	47	11%
NURS	18	508	0	0%	EVC	508	0	0%
OCEAN	0	0	0	0%	SJCC			
OCEAN	0	0	0	0%	EVC	0	0	0%
P ED	79	2018	0	0%	SJCC			
P ED	38	1132	0	0%	EVC	3150	0	0%
P E C	0	0	0	0%	SJCC	0	0	0%
P E M	0	0	0	0%	SJCC	0	0	0%
PET	120	2558	0	0%	SJCC	2558	0	0%
PHIL	6	265	0	0%	SJCC			
PHIL	8	357	0	0%	EVC	622	0	0%
PHOTO	20	195	9	5%	SJCC			
PHOTO	5	89	2	2%	EVC	284	11	4%
PHYS	6	105	0	0%	SJCC			
PHYS	6	125	2	2%	EVC	230	2	1%
PHYSC	0	0	0	0%	SJCC			
PHYSC	0	0	0	0%	EVC	0	0	0%
PHYSO	1	37	8	22%	EVC			
PHYSO	1	10	4	40%	SJCC	47	12	26%
PLAST	0	0	0	0%	SJCC	0	0	0%
POLSC	6	223	61	27%	SJCC			
POLSC	4	179	9	5%	EVC	402	70	17%
PST	0	0	0	0%	SJCC	0	0	0%
PSYCH	13	446	81	18%	SJCC			
PSYCH	13	610	51	8%	EVC	1056	132	13%
R EST	8	228	58	25%	EVC	228	58	0%
R EST	12	347	140	40%	SJCC	347	140	0%
REC	0	0	0	0%	SJCC	0	0	0%
RIBE	1	1	0	0%	SJCC	1	0	0%
S L	7	141	6	4%	SJCC			
S L	3	66	0	0%	EVC	207	6	3%
S SCI	11	522	26	5%	EVC	522	26	5%
S SCI	7	265	74	28%	SJCC	265	74	28%
SOC	3	95	15	16%	SJCC			
SOC	3	116	10	9%	EVC	211	25	12%
SP	19	540	0	0%	SJCC	540	0	0%
SPAN	9	143	39	27%	SJCC			
SPAN	14	234	22	9%	EVC	377	61	16%
SPECL	2	3	0	0%	SJCC	3	0	0%
SUPR	10	181	82	45%	SJCC			
SUPR	6	95	16	17%	EVC	276	98	36%

APPENDIX B

SPRING 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
TECH	1	7	2	29%	EVC	7	2	29%
W E	2	61	4	7%	SJCC	61	4	7%
WD PR	25	150	40	27%	SJCC			
WD PR	6	133	20	15%	EVC	283	60	21%
DIST	2083	49958	5114	10%		49958	5114	10%
EVC	780	21922	1226	6%		21922	1226	6%
SJCC	1303	28036	3888	14%		28036	3888	14%

APPENDIX C

FALL 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
A & P	1	41	0	0%	EVC	41	0	0%
A J	11	293	0	0%	SJCC			
A J	5	171	0	0%	EVC	464	0	0%
ACCTG	17	495	120	24%	SJCC			
ACCTG	11	429	56	13%	EVC	924	176	19%
AIR C	10	232	59	25%	SJCC	232	59	25%
ANAT	1	23	0	0%	SJCC			
ANAT	2	38	0	0%	EVC	61	0	0%
ANTH	1	26	0	0%	SJCC			
ANTH	1	38	0	0%	EVC	64	0	0%
APP	2	42	0	0%	SJCC	42	0	0%
ART	36	377	0	0%	SJCC			
ART	15	221	0	0%	EVC	598	0	0%
AS	3	4	0	0%	SJCC	4	0	0%
ASTRO	1	29	10	34%	SJCC			
ASTRO	1	72	0	0%	EVC	101	10	10%
ATH/M	3	118	0	0%	SJCC	118	0	0%
ATH/W	3	36	0	0%	SJCC	36	0	0%
AUTO	28	548	0	0%	EVC	548	0	0%
B P	0	0	0	0%	SJCC	0	0	0%
BIOL	5	151	0	0%	SJCC			
BIOL	3	82	0	0%	EVC	233	0	0%
BOT	1	28	0	0%	EVC	28	0	0%
BRICK	1	17	0	0%	SJCC	17	0	0%
BUS	70	839	133	16%	SJCC			
BUS	45	923	120	13%	EVC	1762	253	14%
C T	7	141	0	0%	SJCC			
C T	3	43	0	0%	EVC	184	0	0%
CAB	1	19	0	0%	SJCC	19	0	0%
CHEM	7	147	0	0%	SJCC			
CHEM	9	374	0	0%	EVC	521	0	0%
CIS	26	556	189	34%	SJCC			
CIS	29	917	236	26%	EVC	1473	425	29%
CNST	0	0	0	0%	SJCC	0	0	0%
CNSTR	15	440	0	0%	SJCC	440	0	0%
COM S	17	533	0	0%	EVC	533	0	0%
COMSC	0	0	0	0%	SJCC			
COMSC	0	0	0	0%	EVC	0	0	0%
CORCT	2	2	0	0%	SJCC	2	0	0%
COS	5	160	0	0%	SJCC	160	0	0%
DANCE	25	195	0	0%	SJCC			
DANCE	18	231	0	0%	EVC	426	0	0%
DENT	12	468	355	76%	SJCC	468	355	76%
DRAFT	4	74	0	0%	SJCC			
DRAFT	17	288	0	0%	EVC	362	0	0%
DRAMA	28	323	0	0%	SJCC			
DRAMA	7	103	0	0%	EVC	426	0	0%
E C E	20	578	123	21%	SJCC	578	123	21%
E S L	69	2126	0	0%	SJCC			
E S L	54	1942	0	0%	EVC	4068	0	0%

APPENDIX C

FALL 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
ECON	4	165	0	0%	SJCC			
ECON	7	319	0	0%	EVC	484	0	0%
ELEC	0	0	0	0%	SJCC	0	0	0%
ELECT	30	537	0	0%	SJCC			
ELECT	8	151	0	0%	EVC	688	0	0%
ENGL	82	2314	0	0%	SJCC			
ENGL	97	3323	0	0%	EVC	5637	0	0%
ENGR	10	233	0	0%	EVC	233	0	0%
ENGRT	2	16	0	0%	EVC	16	0	0%
ENVIR	1	29	0	0%	EVC	29	0	0%
F C S	8	235	90	38%	SJCC			
F C S	13	320	86	27%	EVC	555	176	32%
FLOOR	0	0	0	0%	SJCC	0	0	0%
FREN	7	98	0	0%	SJCC			
FREN	2	67	0	0%	EVC	165	0	0%
GEOG	1	40	0	0%	SJCC	40	0	0%
GEOL	3	46	4	9%	SJCC	46	4	9%
GER	0	0	0	0%	SJCC	0	0	0%
GLAZ	2	27	0	0%	SJCC	27	0	0%
GOVT	0	0	0	0%	SJCC			
GOVT	0	0	0	0%	EVC	0	0	0%
GUIDE	20	452	4	1%	SJCC			
GUIDE	23	475	0	0%	EVC	927	4	0%
H ED	8	382	0	0%	SJCC			
H ED	4	318	0	0%	EVC	700	0	0%
H S	0	0	0	0%	SJCC	0	0	0%
H SCI	5	124	46	37%	SJCC	124	46	37%
HIST	22	996	0	0%	SJCC			
HIST	15	772	0	0%	EVC	1768	0	0%
HUMNT	2	77	0	0%	SJCC			
HUMNT	1	18	0	0%	EVC	95	0	0%
I A	1	5	3	60%	SJCC	5	3	60%
I I	52	1463	0	0%	EVC	1463	0	0%
I T V	4	24	0	0%	EVC	24	0	0%
I/DIS	3	74	1	1%	EVC	74	1	1%
JAPAN	3	79	28	35%	SJCC	79	28	35%
JOURN	6	37	0	0%	SJCC			
JOURN	5	29	0	0%	EVC	66	0	0%
L A	0	0	0	0%	SJCC	0	0	0%
L E	0	0	0	0%	SJCC			
L E	35	859	369	43%	EVC	859	369	43%
L S	33	875	0	0%	SJCC	875	0	0%
LABOR	11	264	202	77%	SJCC	264	202	77%
LASER	5	64	0	0%	SJCC	64	0	0%
LATIN	1	17	0	0%	EVC	17	0	0%
LIB	2	32	7	22%	SJCC			
LIB	2	15	6	40%	EVC	47	13	28%
LIBR	0	0	0	0%	EVC	0	0	0%
MACH	18	464	350	75%	SJCC	464	350	75%

APPENDIX C

FALL 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
MATH	64	2130	0	0%	SJCC			
MATH	63	2438	0	0%	EVC	4568	0	0%
METEO	1	35	0	0%	SJCC	35	0	0%
MICRO	1	13	0	0%	SJCC			
MICRO	1	27	0	0%	EVC	40	0	0%
MILS	3	4	0	0%	SJCC	4	0	0%
MKTG	8	295	119	40%	SJCC			
MKTG	1	16	7	44%	EVC	311	126	41%
MUSIC	107	849	0	0%	SJCC			
MUSIC	24	293	0	0%	EVC	1142	0	0%
N S	4	170	0	0%	SJCC			
N S	5	180	0	0%	EVC	350	0	0%
NURS	14	538	0	0%	EVC	538	0	0%
OCEAN	0	0	0	0%	SJCC			
OCEAN	0	0	0	0%	EVC	0	0	0%
OTA	1	20	0	0%	SJCC	20	0	0%
P ED	74	2032	0	0%	SJCC			
P ED	37	1082	0	0%	EVC	3114	0	0%
P E C	0	0	0	0%	SJCC	0	0	0%
P E M	0	0	0	0%	SJCC	0	0	0%
PET	63	1165	0	0%	SJCC	1165	0	0%
PHIL	6	250	0	0%	SJCC			
PHIL	5	210	0	0%	EVC	460	0	0%
PHOTO	26	195	0	0%	SJCC			
PHOTO	6	80	0	0%	EVC	275	0	0%
PHYS	7	102	0	0%	SJCC			
PHYS	9	195	0	0%	EVC	297	0	0%
PHYSC	1	25	0	0%	SJCC			
PHYSC	0	0	0	0%	EVC	25	0	0%
PHYSO	1	19	7	37%	SJCC			
PHYSO	1	49	5	10%	EVC	68	12	18%
PLAST	0	0	0	0%	SJCC	0	0	0%
POLSC	5	207	0	0%	SJCC			
POLSC	4	183	0	0%	EVC	390	0	0%
PST	0	0	0	0%	SJCC	0	0	0%
PSYCH	12	444	0	0%	SJCC			
PSYCH	11	554	0	0%	EVC	998	0	0%
R EST	13	417	119	29%	SJCC			
R EST	9	292	65	22%	EVC	709	184	26%
REC	0	0	0	0%	SJCC	0	0	0%
RIBE	0	0	0	0%	SJCC			
RIBE	4	85	5	0%	EVC	85	5	6%
S L	8	127	0	0%	SJCC			
S L	2	64	0	0%	EVC	191	0	0%
S SCI	9	296	0	0%	SJCC			
S SCI	8	394	0	0%	EVC	690	0	0%
SOC	2	86	0	0%	SJCC			
SOC	2	72	0	0%	EVC	158	0	0%

APPENDIX C

FALL 1988
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
SP	14	426	0	0%	SJCC	426	0	0%
SPAN	10	194	0	0%	SJCC			
SPAN	13	289	0	0%	EVC	483	0	0%
SPECL	1	1	0	0%	SJCC	1	0	0%
SUPR	7	142	44	31%	SJCC			
SUPR	5	95	32	34%	EVC	237	76	32%
TECH	1	11	4	36%	EVC	11	4	36%
W E	2	44	11	25%	SJCC	44	11	25%
WD PR	25	118	35	30%	SJCC			
WD PR	4	105	15	14%	EVC	223	50	22%
DIST	1914	47826	3065	6%		47826	3065	6%
EVC	781	22796	1007	4%		22796	1007	4%
SJCC	1133	25030	2058	8%		25030	2058	8%

APPENDIX D

SPRING 1989
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
A & P	3	79	0	0%	EVC	79	0	0%
A J	14	250	0	0%	SJCC			
A J	6	212	0	0%	EVC	462	0	0%
ACCTG	13	386	0	0%	SJCC			
ACCTG	11	435	0	0%	EVC	821	0	0%
AIR C	12	223	0	0%	SJCC	223	0	0%
ANAT	1	24	0	0%	SJCC			
ANAT	1	25	0	0%	EVC	49	0	0%
ANTH	1	35	0	0%	SJCC			
ANTH	1	41	0	0%	EVC	76	0	0%
APP	0	0	0	0%	SJCC	0	0	0%
ART	31	363	0	0%	SJCC			
ART	171	291	0	0%	EVC	654	0	0%
AS	1	1	0	0%	SJCC	1	0	0%
ASTRO	2	82	0	0%	SJCC			
ASTRO	0	0	0	0%	EVC	82	0	0%
ATH/M	4	83	0	0%	SJCC	83	0	0%
ATH/W	3	47	0	0%	SJCC	47	0	0%
AUTMN	1	1	0	0%	SJCC	1	0	0%
AUTO	27	502	0	0%	EVC	502	0	0%
B P	0	0	0	0%	SJCC	0	0	0%
BIOL	4	138	0	0%	SJCC			
BIOL	5	146	0	0%	EVC	284	0	0%
BOT	0	0	0	0%	EVC	0	0	0%
BRICK	1	18	0	0%	SJCC	18	0	0%
BUS	75	950	0	0%	SJCC			
BUS	49	1072	0	0%	EVC	2022	0	0%
C T	6	106	0	0%	SJCC			
C T	3	49	0	0%	EVC	155	0	0%
CAB	1	25	0	0%	SJCC	25	0	0%
CHEM	7	171	0	0%	SJCC			
CHEM	10	335	0	0%	EVC	506	0	0%
CIS	29	647	0	0%	SJCC			
CIS	30	1038	0	0%	EVC	1685	0	0%
CNST	0	0	0	0%	SJCC	0	0	0%
CNSTR	21	477	0	0%	SJCC	477	0	0%
COM S	21	637	0	0%	EVC	637	0	0%
COMSC	0	0	0	0%	SJCC			
COMSC	0	0	0	0%	EVC	0	0	0%
CORCT	8	1120	0	0%	SJCC	1120	0	0%
COS	8	206	0	0%	SJCC	206	0	0%
DANCE	28	248	0	0%	SJCC			
DANCE	10	239	0	0%	EVC	487	0	0%
DENT	10	232	0	0%	SJCC	232	0	0%
DRAFT	4	53	0	0%	SJCC			
DRAFT	18	343	0	0%	EVC	396	0	0%
DRAMA	30	305	0	0%	SJCC			
DRAMA	13	136	0	0%	EVC	441	0	0%
E C E	27	845	0	0%	SJCC	845	0	0%

APPENDIX D

SPRING 1989
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
E S L	66	1980	0	0%	SJCC			
E S L	55	1983	0	0%	EVC	3963	0	0%
ECON	8	280	0	0%	SJCC			
ECON	9	405	0	0%	EVC	685	0	0%
ELEC	0	0	0	0%	SJCC	0	0	0%
ELECT	29	540	0	0%	SJCC			
ELECT	8	175	0	0%	EVC	715	0	0%
ENGL	73	1994	0	0%	SJCC			
ENGL	102	3146	0	0%	EVC	5140	0	0%
ENGR	10	223	0	0%	EVC	223	0	0%
ENGRT	1	16	0	0%	EVC	16	0	0%
ENVIR	0	0	0	0%	EVC	0	0	0%
F C S	6	189	0	0%	SJCC			
F C S	21	419	0	0%	EVC	608	0	0%
FLOOR	0	0	0	0%	SJCC	0	0	0%
FREN	8	105	0	0%	SJCC			
FREN	3	48	0	0%	EVC	153	0	0%
GEOG	1	48	0	0%	SJCC			
GEOG	1	23	0	0%	EVC	71	0	0%
GEOL	1	39	0	0%	SJCC	39	0	0%
GER	0	0	0	0%	SJCC	0	0	0%
GLAZ	2	27	0	0%	SJCC	27	0	0%
GOVT	0	0	0	0%	SJCC			
GOVT	0	0	0	0%	EVC	0	0	0%
GUIDE	23	393	0	0%	SJCC			
GUIDE	26	533	0	0%	EVC	926	0	0%
H ED	10	418	0	0%	SJCC			
H ED	5	335	0	0%	EVC	753	0	0%
H S	0	0	0	0%	SJCC	0	0	0%
H SCI	5	126	0	0%	SJCC	126	0	0%
HIST	21	1002	0	0%	SJCC			
HIST	16	782	0	0%	EVC	1784	0	0%
HUMNT	3	142	0	0%	SJCC			
HUMNT	1	24	0	0%	EVC	166	0	0%
I A	2	6	0	0%	SJCC	6	0	0%
I I	53	1410	0	0%	EVC	1410	0	0%
I T V	5	43	0	0%	EVC	43	0	0%
I/DIS	6	183	0	0%	EVC	183	0	0%
JAPAN	3	94	0	0%	SJCC	94	0	0%
JOURN	9	33	0	0%	SJCC			
JOURN	5	67	0	0%	EVC	100	0	0%
L A	0	0	0	0%	SJCC	0	0	0%
L E	0	0	0	0%	SJCC			
L E	54	1293	0	0%	EVC	1293	0	0%
L S	32	753	0	0%	SJCC	753	0	0%
LABOR	11	207	0	0%	SJCC	207	0	0%
LASER	5	79	0	0%	SJCC	79	0	0%
LATIN	0	0	0	0%	EVC	0	0	0%

APPENDIX D

SPRING 1989
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
LIB	2	35	0	0%	SJCC			
LIB	2	14	0	0%	EVC	49	0	0%
LIBR	0	0	0	0%	EVC	0	0	0%
MACH	19	313	0	0%	SJCC	313	0	0%
MATH	63	1981	0	0%	SJCC			
MATH	66	2443	0	0%	EVC	4424	0	0%
METEO	0	0	0	0%	SJCC	0	0	0%
MICRO	1	11	0	0%	SJCC			
MICRO	1	57	0	0%	EVC	68	0	0%
MILS	3	3	0	0%	SJCC			
MILS	1	1	0	0%	EVC	4	0	0%
MKTG	10	278	0	0%	SJCC			
MKTG	0	0	0	0%	EVC	278	0	0%
MUSIC	134	1575	0	0%	SJCC			
MUSIC	26	330	0	0%	EVC	1905	0	0%
N S	6	200	0	0%	SJCC			
N S	8	210	0	0%	EVC	410	0	0%
NURS	18	564	0	0%	EVC	564	0	0%
OCEAN	0	0	0	0%	SJCC			
OCEAN	1	50	0	0%	EVC	50	0	0%
OTA	2	39	0	0%	SJCC	39	0	0%
P ED	85	2099	0	0%	SJCC			
P ED	36	1135	0	0%	EVC	3234	0	0%
P E C	1	16	0	0%	SJCC	16	0	0%
P E M	0	0	0	0%	SJCC	0	0	0%
PET	126	2779	0	0%	SJCC	2779	0	0%
PHIL	8	357	0	0%	SJCC			
PHIL	8	390	0	0%	EVC	747	0	0%
PHOTO	25	214	0	0%	SJCC			
PHOTO	4	72	0	0%	EVC	286	0	0%
PHYS	7	162	0	0%	SJCC			
PHYS	10	185	0	0%	EVC	347	0	0%
PHYSC	0	0	0	0%	SJCC			
PHYSC	0	0	0	0%	EVC	0	0	0%
PHYSO	1	18	0	0%	SJCC			
PHYSO	1	55	0	0%	EVC	73	0	0%
PLAST	0	0	0	0%	SJCC	0	0	0%
POLSC	5	197	0	0%	SJCC			
POLSC	5	266	0	0%	EVC	463	0	0%
PST	0	0	0	0%	SJCC	0	0	0%
PSYCH	13	448	0	0%	SJCC			
PSYCH	13	613	0	0%	EVC	1061	0	0%
R EST	18	379	0	0%	SJCC			
R EST	14	388	0	0%	EVC	767	0	0%
REC	1	25	0	0%	SJCC	25	0	0%
RIBE	0	0	0	0%	SJCC			
RIBE	2	25	0	0%	EVC	25	0	0%
S L	5	124	0	0%	SJCC			
S L	3	63	0	0%	EVC	187	0	0%

APPENDIX D

SPRING 1989
AND % OF STUDENTS NOT MEETING PREREQUISITES BY DISCIPLINE
IN THE SAN JOSE/EVERGREEN COMMUNITY COLLEGE DISTRICT

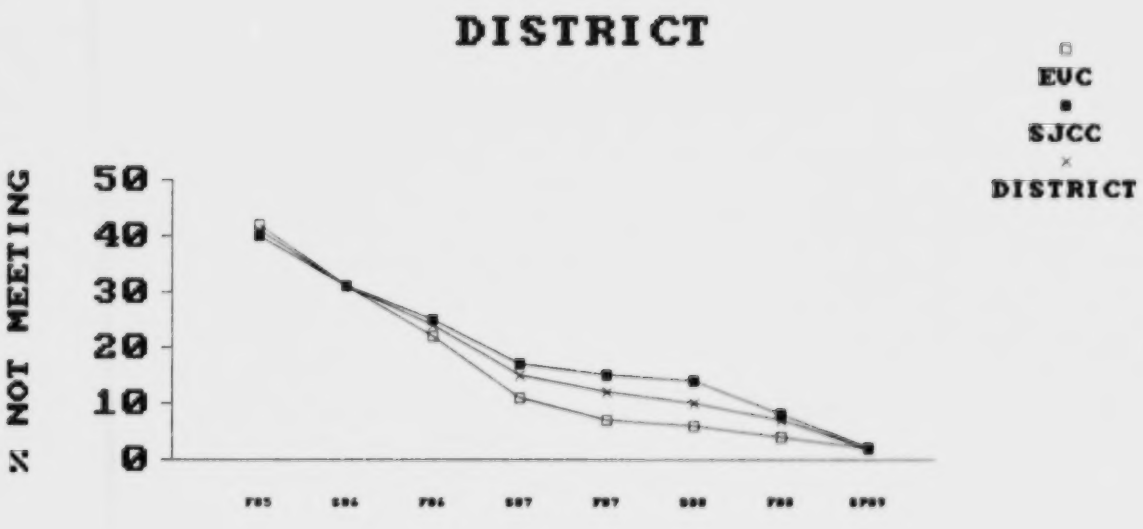
DISC	# SECTS	# STUDS	# NO MEET PREQS	% NO MEET	COLL	TOT #	TOT NO MEET	% NO MEET
S SCI	8	316	0	0%	SJCC			
S SCI	11	481	0	0%	EVC	797	0	0%
SOC	2	79	0	0%	SJCC			
SOC	3	100	0	0%	EVC	179	0	0%
SP	16	477	0	0%	SJCC			
SP	2	33	0	0%	EVC	510	0	0%
SPAN	8	158	0	0%	SJCC			
SPAN	14	305	0	0%	EVC	463	0	0%
SPECL	0	0	0	0%	SJCC	0	0	0%
SUPR	8	147	0	0%	SJCC			
SUPR	6	86	0	0%	EVC	233	0	0%
TECH	1	11	0	0%	EVC	11	0	0%
W E	2	97	1	1%	SJCC	97	1	1%
WD PR	34	144	0	0%	SJCC			
WD PR	5	107	0	0%	EVC	251	0	0%
DIST	2294	52834	1	0%		52834	1	0%
EVC	1021	24672	0	0%		24672	0	0%
SJCC	1273	28162	1	0%		28162	1	0%

APPENDIX E

GRAPHS

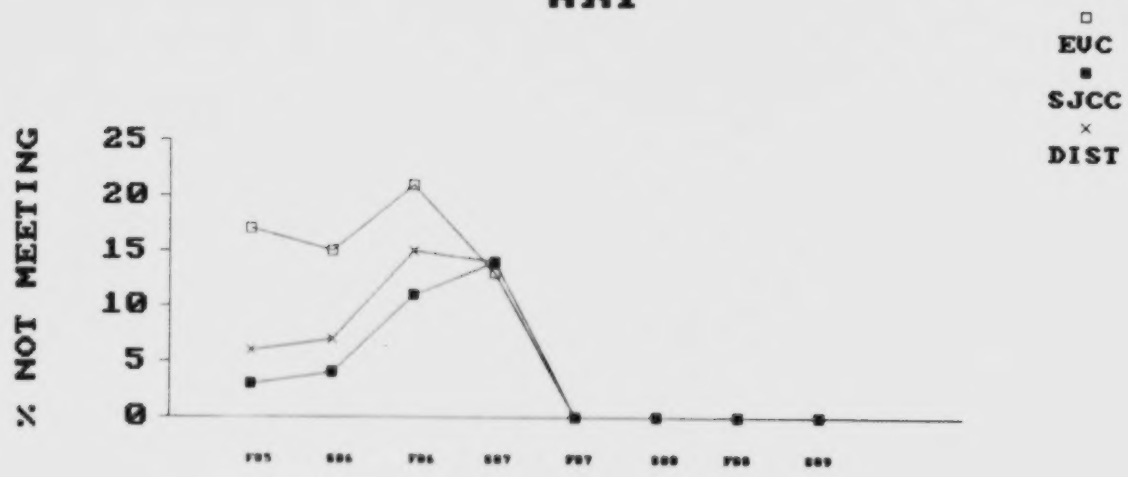
Percent of Students Not Meeting Prerequisites for Selected Disciplines In or Entering a Lock Out Mode through Spring 1989

District	CT	FCS	Phil
Art	Draft	Hist	Phys
Auto	Elect	Labor	P Ed
Business	Engl	Math	Sp
CIS	Engr	Music	Wd Pr
Com S	ESL	Nursing	
Cnstr			

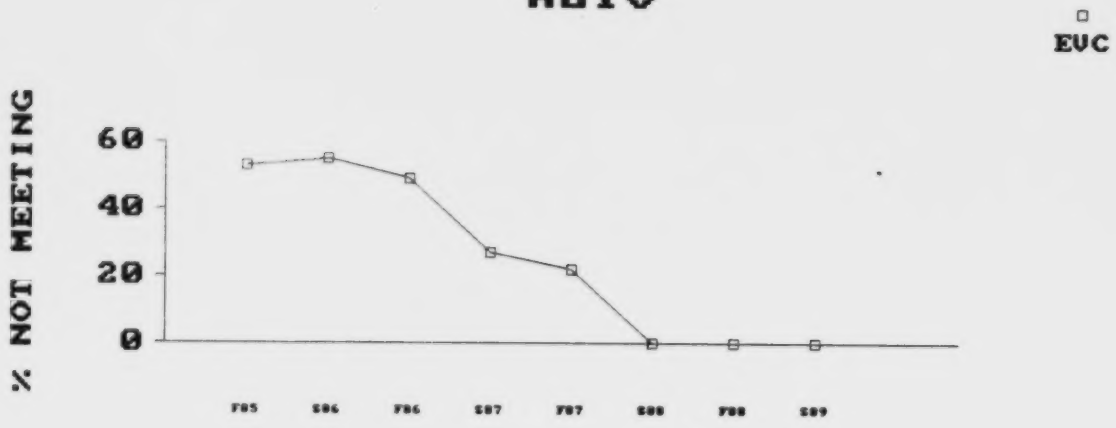


E-1

ART

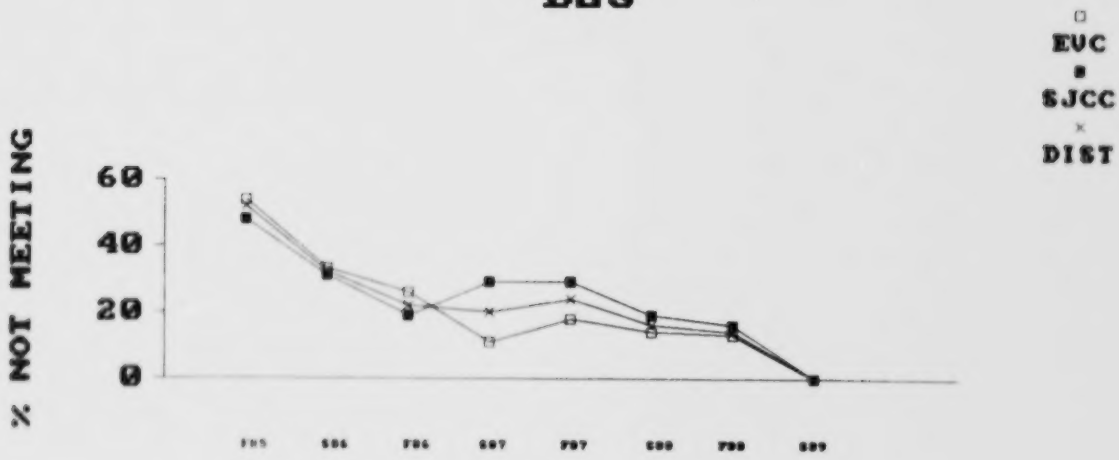

EUC
SJCC
DIST
% NOT MEETING
25
20
15
10
5
0
FY5
SY6
FY6
SY7
FY7
SY8
FY8
SY9

AUTO

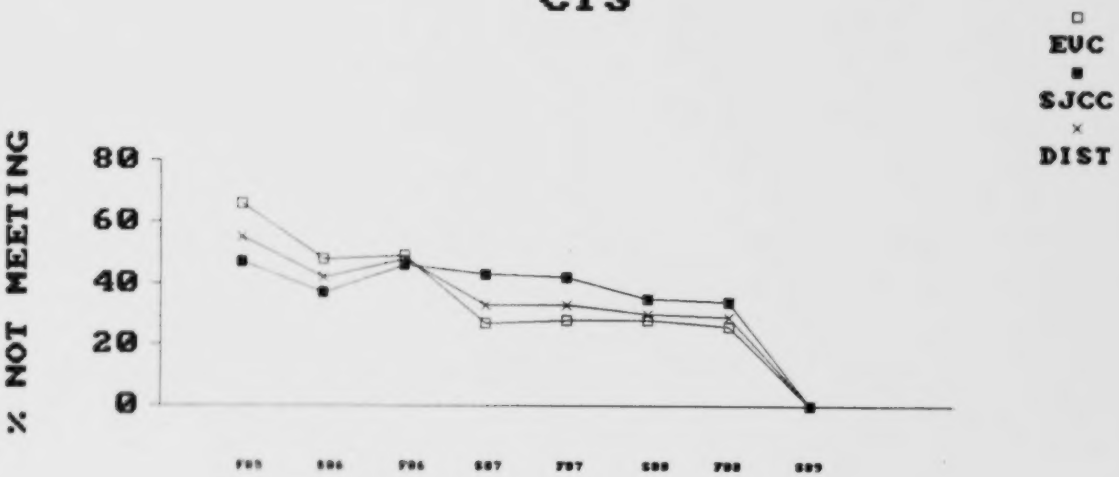

EUC
% NOT MEETING
60
40
20
0
FY5
SY6
FY6
SY7
FY7
SY8
FY8
SY9

E-2

BUS

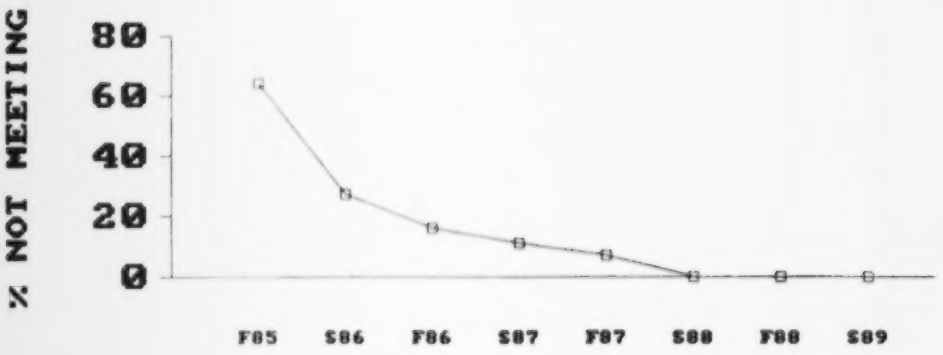

% NOT MEETING
60
40
20
0
EUC
SJCC
DIST

CIS

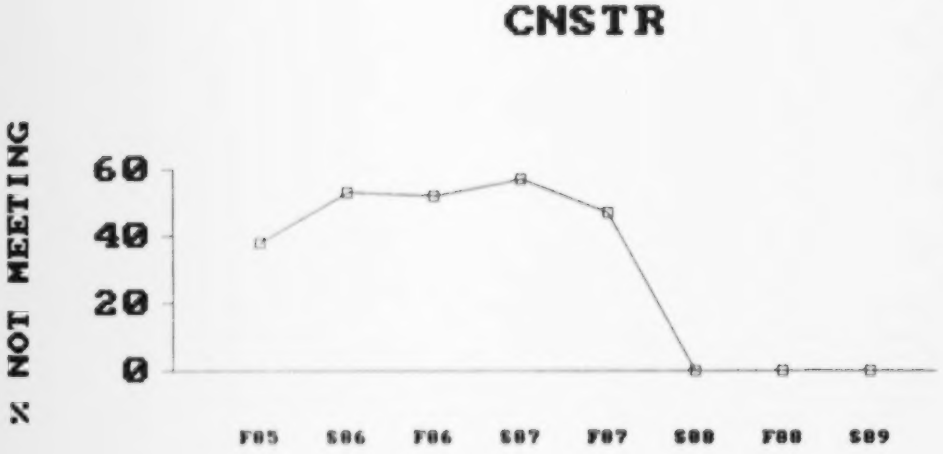

% NOT MEETING
80
60
40
20
0
EUC
SJCC
DIST

E-3

COM S

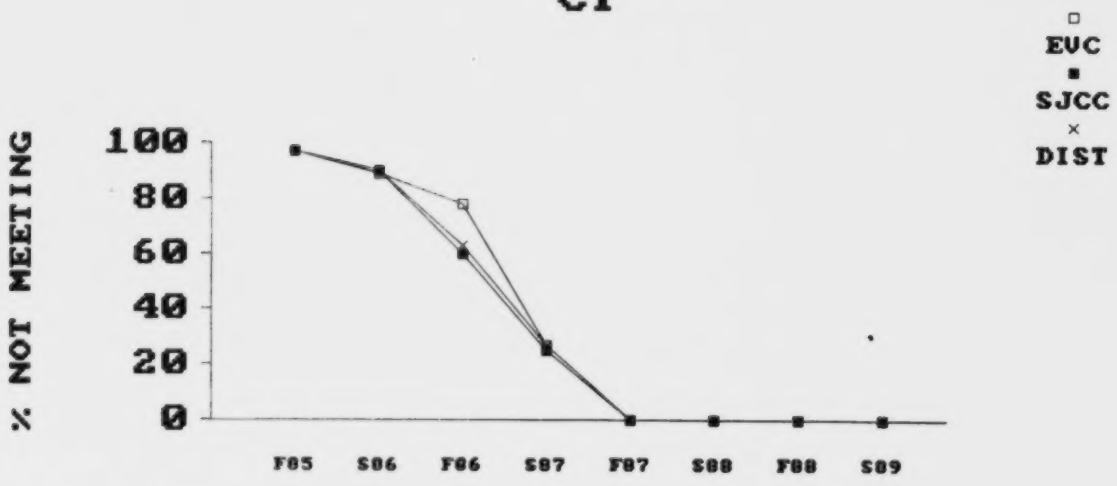


CNSTR

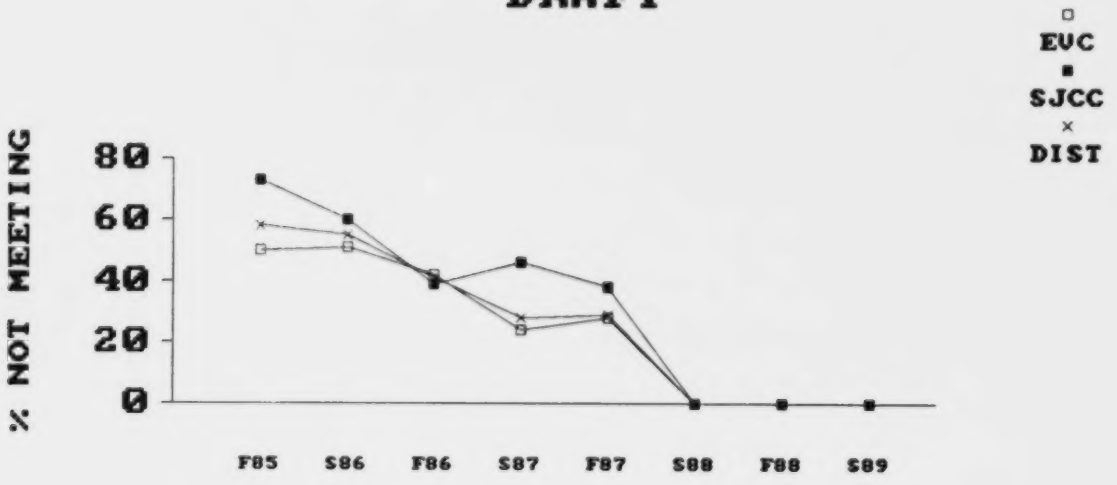


E-4

CT

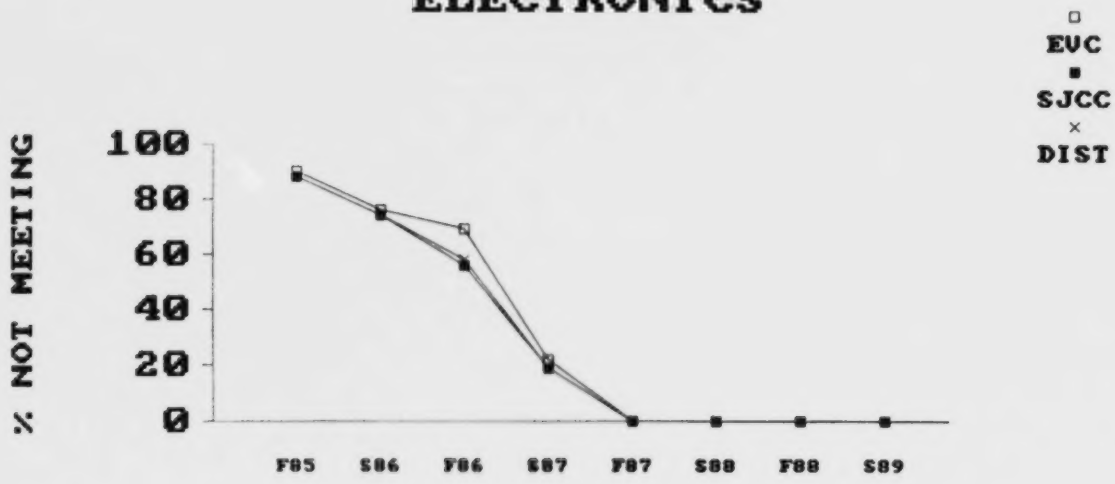

% NOT MEETING
100
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

DRAFT

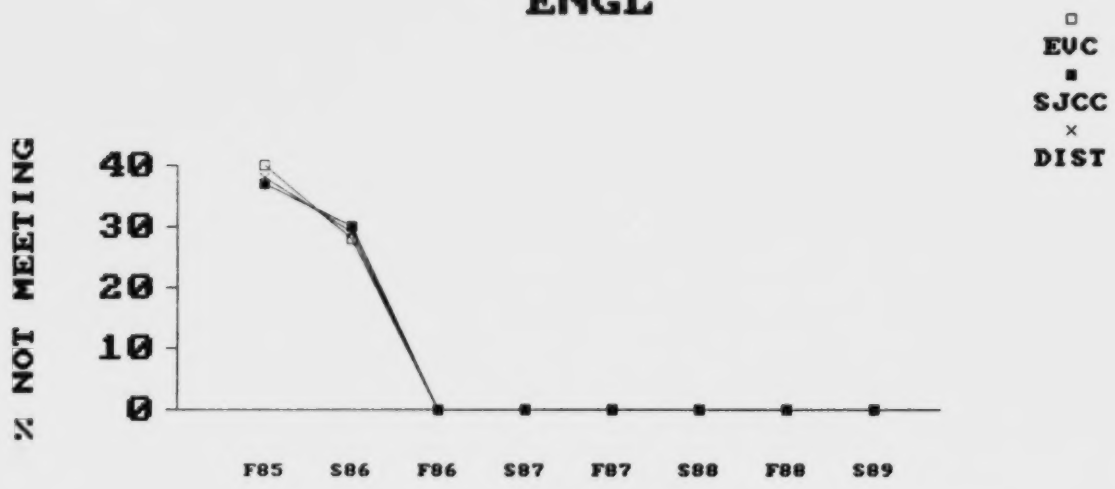

% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

E-5

ELECTRONICS

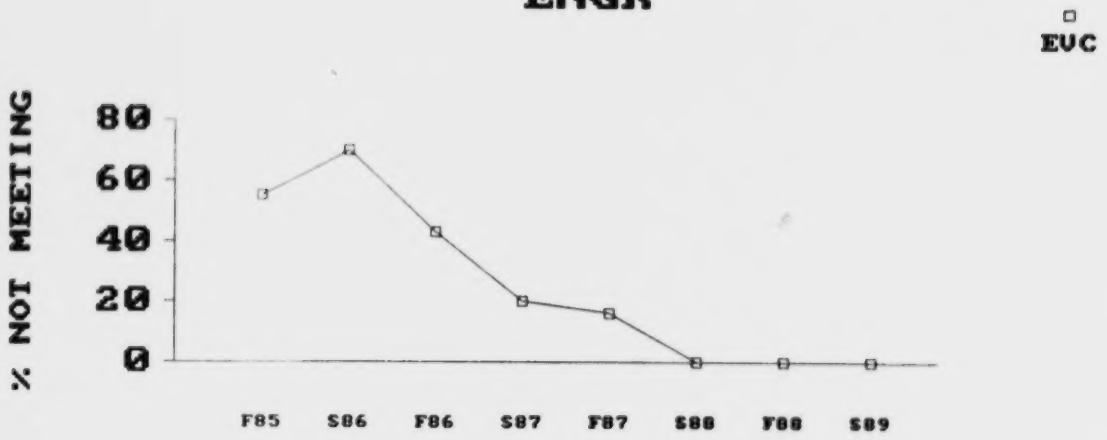


ENGL

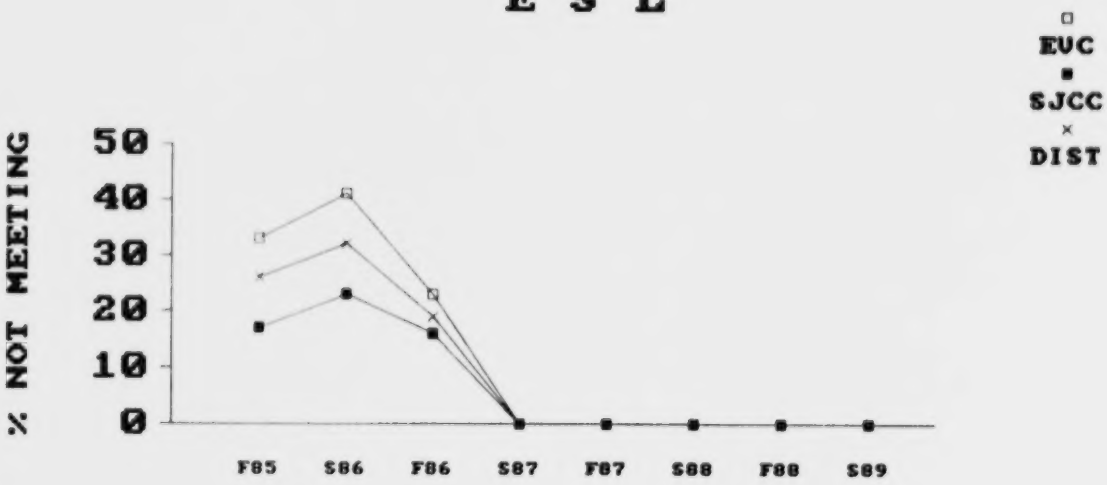


E-6

ENGR

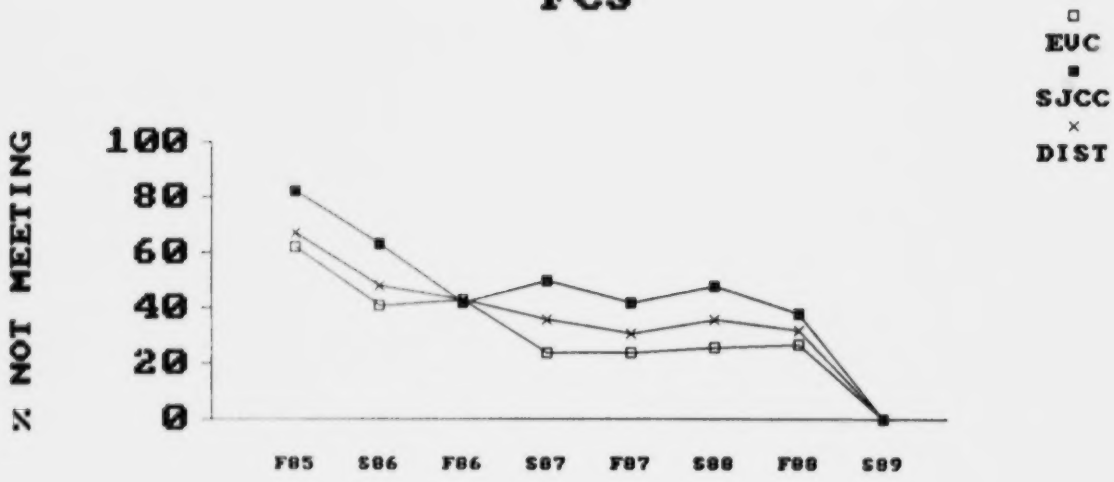

EUC
% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89

E S L

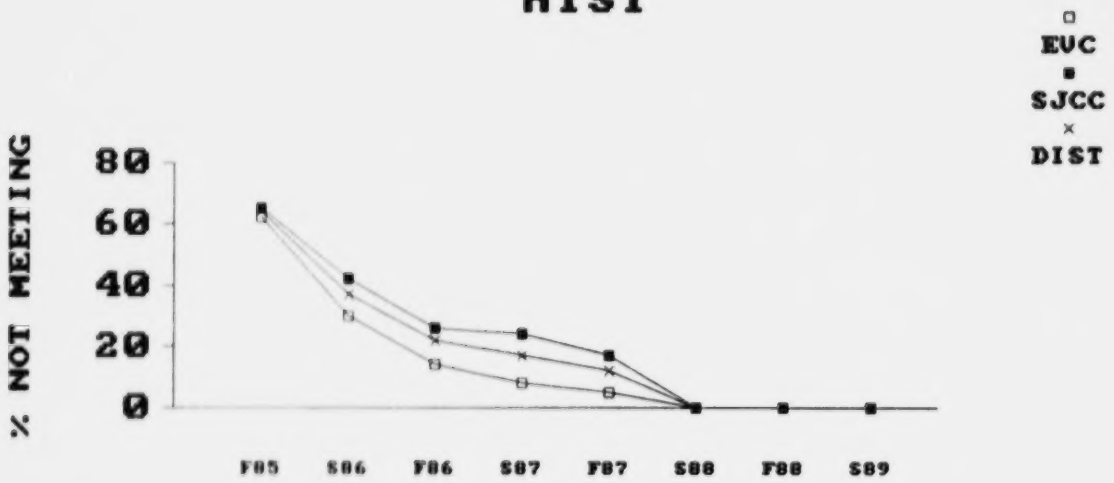

EUC
SJCC
DIST
% NOT MEETING
50
40
30
20
10
0
F85
S86
F86
S87
F87
S88
F88
S89

E-7

FCS

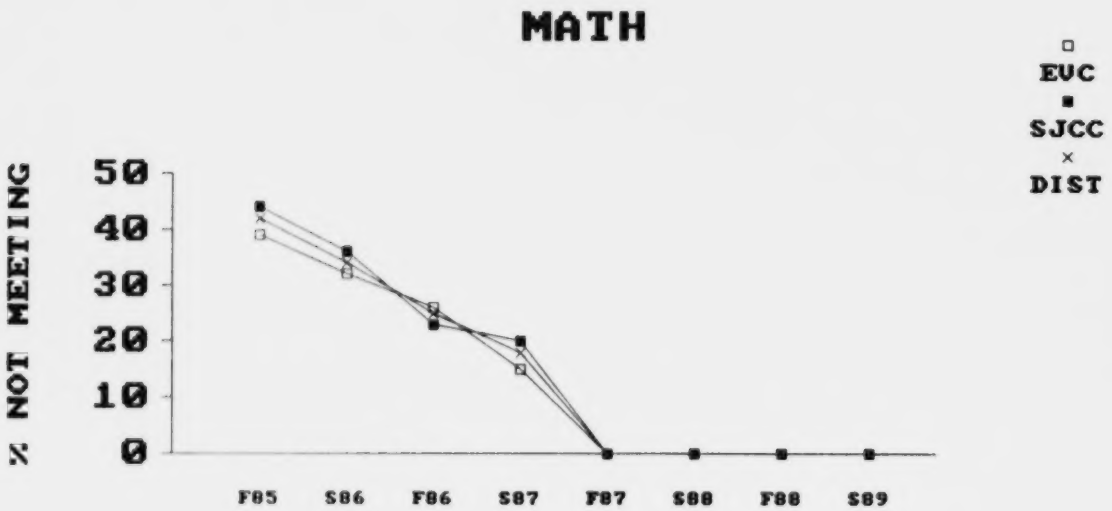

% NOT MEETING
100
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

HIST

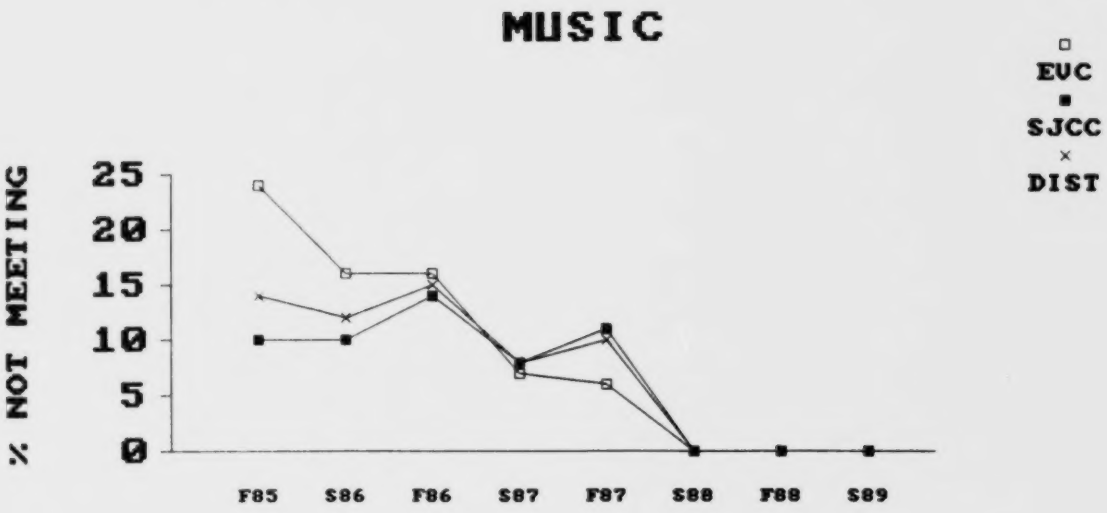

% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

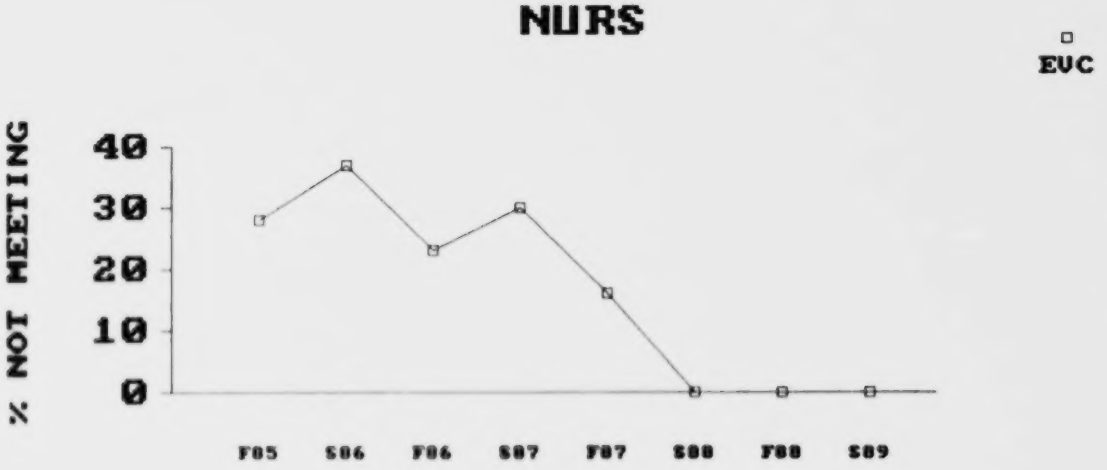
E-8

LABOR
SJCC
% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89

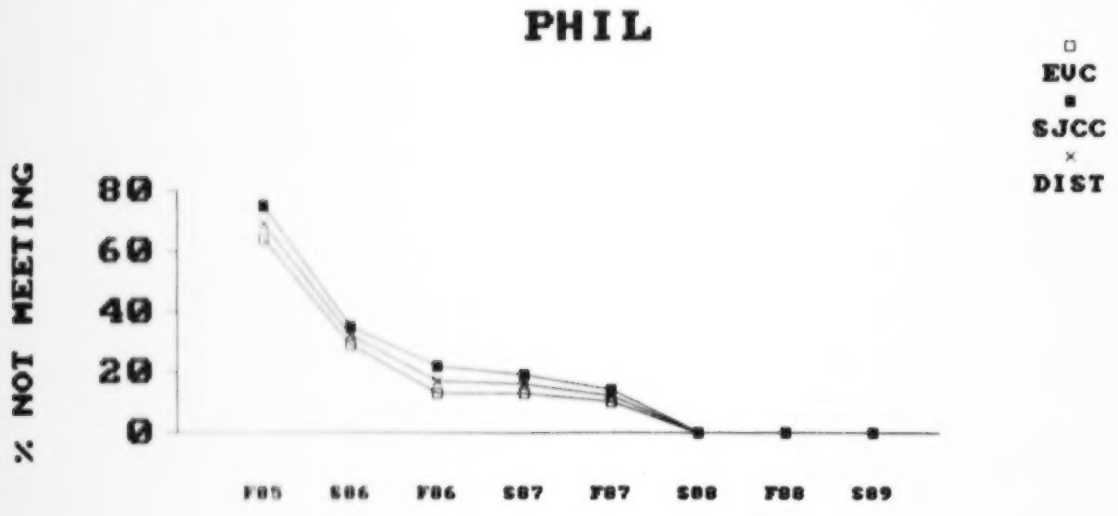

MATH
EVC
SJCC
DIST
% NOT MEETING
50
40
30
20
10
0
F85
S86
F86
S87
F87
S88
F88
S89

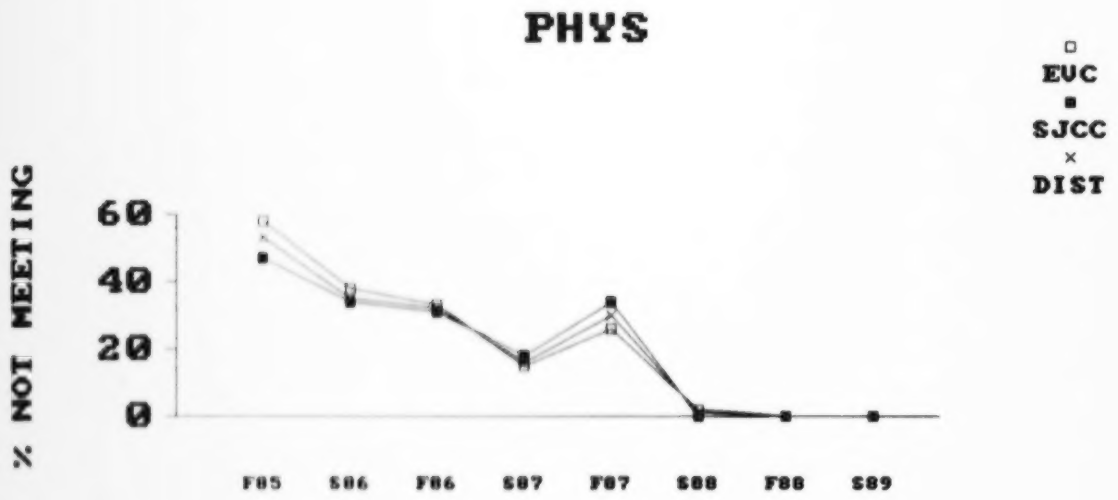
E-9


MUSIC
EUC
SJCC
DIST
% NOT MEETING
25
20
15
10
5
0
F85
S86
F86
S87
F87
S88
F88
S89


NURS
EUC
% NOT MEETING
40
30
20
10
0
F85
S86
F86
S87
F87
S88
F88
S89

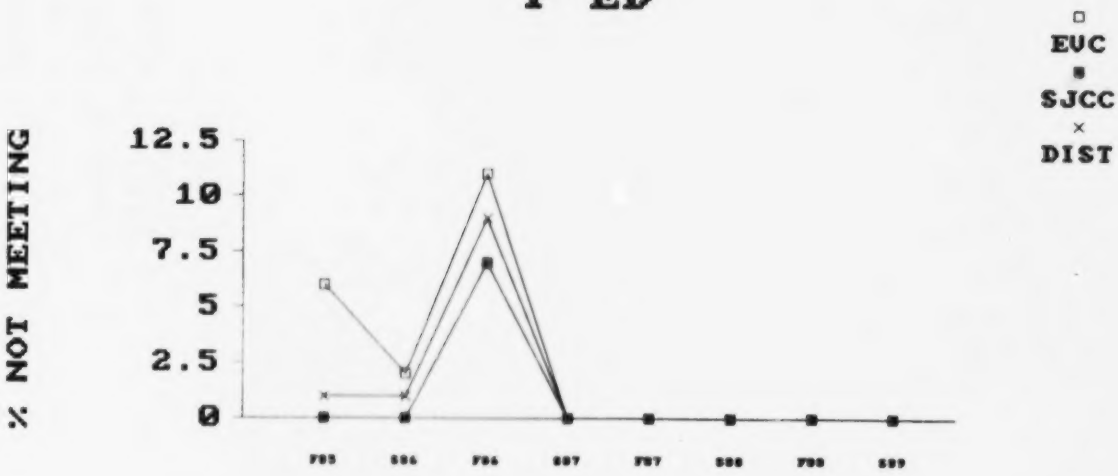
E-10


PHIL
% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

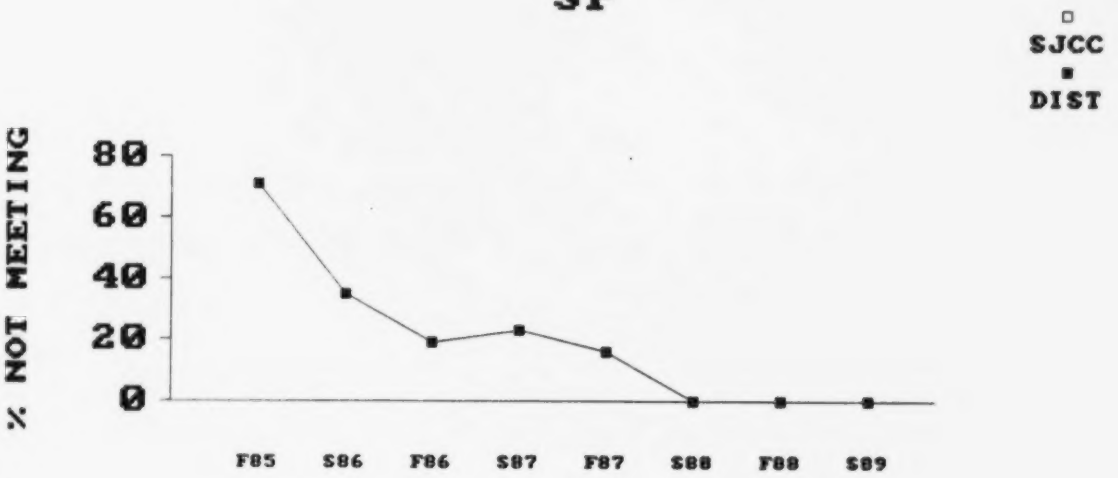

PHYS
% NOT MEETING
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89
EUC
SJCC
DIST

E-11

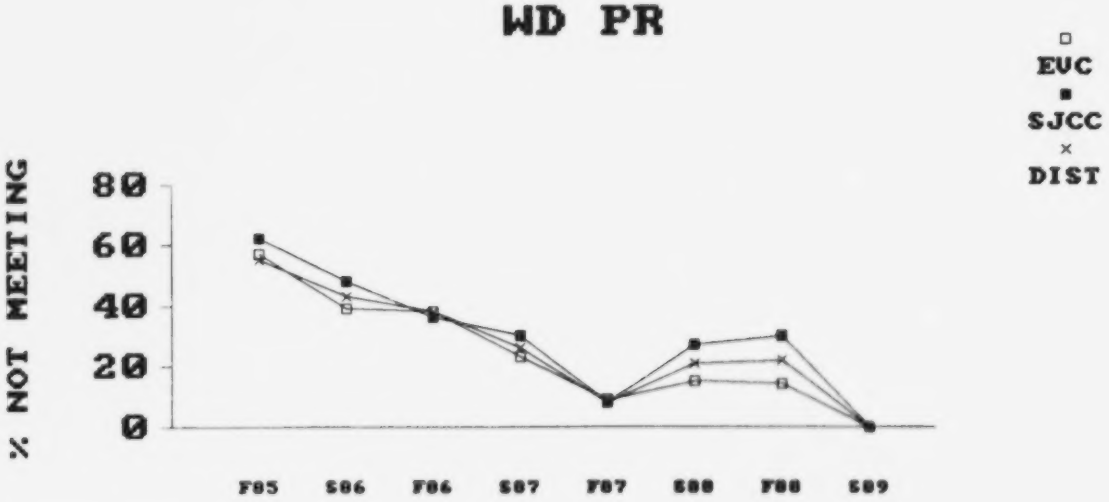
P ED


EUC
SJCC
DIST
% NOT MEETING
12.5
10
7.5
5
2.5
0

SP


SJCC
DIST
% NOT MEETING
80
60
40
20
0
F85
S86
F86
S87
F87
S88
F88
S89

WD PR



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